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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10579801 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>DING ET AL. |
|  | <b>Examiner</b><br><br>Le, Canh                | <b>Art Unit</b><br><br>2439                                       |

### SEARCHED

| Class | Subclass                       | Date                        | Examiner |
|-------|--------------------------------|-----------------------------|----------|
| 380   | 28-30; 277                     | 07-12-2007 to<br>07-13-2007 |          |
| 713   | 1, 176-177, 188, 180, 181, 187 | 07-12-2007 to<br>07-16-2007 | Canh Le  |
| 380   | 28-30; 277                     | 05-25-2008                  | Canh Le  |
| 713   | 1, 176-177, 188, 180, 181, 187 | 05-25-2008                  | Canh Le  |

### SEARCH NOTES

| Search Notes  | Date                        | Examiner |
|---|-----------------------------|----------|
| Inventor name search - See EAST history, PALM INtranet  | 07-12-2007                  | Canh Le  |
| Google Patent search: Braid group; braid group conjugacy  | 07-12-2007                  | Canh Le  |
| Google search: braid group; braid group conjugacy   | 07-12-2007                  | Canh Le  |
| Google search: new approach to conjugacy problem in Braud group; simple conjugacy signature and conjugacy signature scheme; BCDA With CDP problem; verifying with braid group conjugacy problem | 07-13-2007                  | Canh Le  |
| CiteSeer: cryptosystem using Braid Group  | 07-13-2007                  | Canh Le  |
| keyword search - see EAST history   | 07-12-2007 to<br>07-13-2007 | Canh Le  |
| ACM; Braid group conjugacy problem  | 07-13-2007                  | Canh Le  |
| Consulted with Ben Lanier   | 07-16-2007                  | Canh Le  |
| Consulted with Thanhnga Truong  | 07-18-2007                  | Canh Le  |
| Updated search - see East History   | 12-13-2007                  | Canh Le  |
| NPL (Google scholar) - See printout   | 12-13-2007                  | Canh Le  |
| Consulted with Chris Revak  | 12-13-2007                  | Canh Le  |
| Updated search - See East history   | 05-25-2008                  | Canh Le  |
| Updated search - See East history   | 05-27-2008                  | Canh Le  |
| Consulted with Tod Swann  | 05-27-2008                  | Canh Le  |
| Consulted with Chris LaForgia   | 05-27-2008                  | Canh Le  |
| Updated search - See East history   | 11-17-2008                  | Canh Le  |
| Consulted 101 with Tod Swann  | 11-17-2008                  | Canh Le  |
| Consulted 101 with Tod Swann  | 01-28-2009                  | Canh Le  |
| Consulted 101 with Kevin Teska  | 04-03-2009                  | Canh Le  |
| Updated search - See East history   | 04-04-2009                  | Canh Le  |
| Updated search- NPL   | 04-04-2009                  | Canh Le  |
| Consulted 101 & 112 2nd - Tod Swann   | 04-20-2009                  | Canh Le  |
| Consulted 112 2nd - Tod Swann   | 10-26-2009                  | Canh Le  |

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### SEARCH NOTES

| Search Notes                                  | Date       | Examiner |
|---|------------|----------|
| Updated search - See East history             | 10-27-2009 | Canh Le  |
| Updated search - See East history             | 01-10-2010 | Canh Le  |
| Inventor name search - See EAST               | 01-10-2010 | Canh Le  |
| Backwards/Forwards Citation search            | 01-10-2010 | Canh Le  |
| Interference Search                           | 01-10-2010 | Canh Le  |
| NPL Search using East keywords                | 01-10-2010 | Canh Le  |
| NPL - (Google Scholar, NPL Multi-Search, ACM) | 01-10-2010 | Canh Le  |

### INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
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